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Product datasheet for RC224094L3V

TRIOBP (NM_138632) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIOBP (NM_138632) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIOBP
Synonyms:	DFNB28; dJ37E16.4; HRIHFB2122; TAP68; TARA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_138632
ORF Size:	1293 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224094).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_138632.2, NP_619538.2
RefSeq Size:	1743 bp
RefSeq ORF:	1296 bp
Locus ID:	11078
UniProt ID:	Q9H2D6
Cytogenetics:	22q13.1
Domains:	PH
MW:	47.4 kDa

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Gene Summary: This gene encodes a protein with an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. The protein interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. The protein also associates with F-actin and stabilizes F-actin structures. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants that would encode different isoforms have been found for this gene, however some transcripts may be subject to nonsense-mediated decay (NMD). [provided by RefSeq, Nov 2008]

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